

Paragraph 37 - The microcarriers formed from the novel polymeric dispersions are formed in high yields, generally about 60-90% and preferably at least 85%. The microcarriers are of a controlled particle size distribution particles ranging in size from 1-400 μm , preferably 5-150 μm , with greater than 40-60% of the particles having an average particle size less than 100 μm . The shape of the microcarriers are most commonly spherical, oblong, elliptical, or irregular in shape. The size, distribution and shape of the microcarriers is controlled by the size, distribution and shape of the droplets of the polymer in the final gelled dispersion. The processing conditions such as, where applicable, the speed of homogenization, and the molecular structure of the final gel will determine the size, distribution and shape of the droplets. These characteristics are maintained by the viscous gelled nature of the dispersion.

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